



# Weekly Construction Report

## Hatchery Creek Design/Build Project



<b>Time Period:</b>	October 26-31, 2015	<b>Project No:</b>	1305
<b>Rain Days/Weather Conditions:</b>	Rain 1.2" from Monday, Oct. 26 <sup>th</sup> through Wednesday, Oct. 28 <sup>th</sup> (Burkesville gauge). We did not work Tuesday through Thursday.		
<b>Personnel on-site:</b>	<i>EcoGro/Ridgewater:</i> Tom Cutter, Eric Dawalt, Jim Hanssen, Larry Mounce, Brad Redmon, Chad Relinski, Randall "Mokie" Starns, Randall Starns, Jr., Sherri Arthur Trucking-John Arthur.		
<b>Equipment on-site:</b>	Komatsu PC 360 excavator w/ hyd. thumb, Komatsu PC 160 w/ hyd. thumb, Komatsu PC 210 excavator, Komatsu PC 240 excavator, Terex TA27 articulated off-road dump truck, Bobcat T300 skid steer, & Morooka 2200 track dump truck.		
<b>Material deliveries to project site:</b>	<ul style="list-style-type: none"> <li>115 tons of spawning gravel (1,660 tons to date).</li> </ul>		
<b>Work performed the past week:</b>	<ul style="list-style-type: none"> <li>Site #2 and #3: <ul style="list-style-type: none"> <li>Cleaned up wood and rock stockpile areas along River Road and regraded haul roads.</li> <li>Installed boulder stepping stones across both low water riffle crossings.</li> <li>Added 6" dia. spawning gravel rock to low water crossing at Sta. 149+00 for better traction.</li> <li>Finished adding wood and transplanting on-site trees on Right Descending Bank (RDB) from ~Sta. 143+50 to 144+00.</li> </ul> </li> <li>Site #1/FDS Reach ~ Sta. 118+40 to 127+00: <ul style="list-style-type: none"> <li>Graded banks outside of channel, installed rock floodplain sills, spread stockpiled topsoil and wood, and transplanted on-site trees and shrubs next to the stream from ~Sta. 118+80 to 123+00.</li> </ul> </li> <li>Reach upstream of Campground Road/ ~Sta. 113+00 to 118+40: <ul style="list-style-type: none"> <li>Built braided channel from 113+00 to 113+50.</li> <li>Hauled ~300 CY of soil from channel excavation to Public Fishing Area next to temporary diversion.</li> <li>Ground down mitered edges of culvert so they would be smoother, prior to installation planned for next week.</li> </ul> </li> <li>Reach downstream of migration barrier /~Sta. 105+90 to 113+00: <ul style="list-style-type: none"> <li>Constructed migration barrier step out of ~30" thick boulders.</li> <li>Built and finish graded floodplain berm from ~LT Sta. 113+00 to 114+25.</li> </ul> </li> </ul>		
<b>Erosion &amp; sediment controls installed/maintained:</b>	<ul style="list-style-type: none"> <li>❖ Installed temporary seed and straw on floodplain berm from LT Sta. 112+00 to 114+00 and beside finished ravine riffle.</li> </ul>		
<b>Work scheduled for next week:</b>	<ul style="list-style-type: none"> <li>✂ Finish building migration barrier.</li> <li>✂ Finish building ravine spillway.</li> <li>✂ Start building channel upstream of Campground Road Sta. 113+50 to 117+00.</li> </ul>		
<b>Work planned for two weeks ahead:</b>	<ul style="list-style-type: none"> <li>🔧 Install culvert under Campground Road.</li> <li>🔧 Finish building upstream of Campground Road Sta. 113+00 to 117+00.</li> <li>🔧 Install new sidewalk adjacent to Public Fishing Area.</li> </ul>		
<b>General Comments:</b>	<ul style="list-style-type: none"> <li>➤ The Hatchery Creek Public Fishing Area is closed November 2-30 so we may finish construction in that area.</li> </ul>		
<b>Prepared by:</b> Eric Dawalt, P.E.	<b>Date:</b> 11-4-2015		



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Pictures from the past week's construction:



**Site #2: Boulders installed for pedestrian stepping stones across stream at low water crossing at ~Sta. 143+40. (Picture taken on Right Descending Bank (RDB) looking across channel).**



**Site #1: Spreading stockpiled topsoil and wood along stream channel to increase carbon and organic matter in soil. (Picture from LDB at ~Sta. 119+00 looking downstream).**





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**Site #1: Hauling in willows and sycamores harvested on-site. (Picture taken at Campground Road at ~Sta. 117+50).**



**Site #1: Transplanting willows and sycamores along stream that were harvested on-site. (Picture taken at ~Sta. 121+70 looking downstream).**





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***Reach downstream of migration barrier: Building floodplain berm adjacent to braided channel reach. (Picture taken from ~ LT Sta. 112+50 looking downstream).***



***Reach downstream of migration barrier: Completed floodplain berm adjacent to braided channel reach. (Picture taken from ~ LT Sta. 112+50 looking upstream).***





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**Migration Barrier: Installing shot rock base for boulder step. Splash pad rocks can be seen in left of picture. (Picture taken from LDB at ~Sta. 105+90 looking across channel).**



**Migration Barrier: Installing boulders for step. (Picture taken from RDB at ~Sta. 105+90 looking across channel).**





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***Migration Barrier: Boulder step installed with 24" drop to splash pad. (Picture taken from LDB at ~Sta. 105+90 looking across channel.***



***Migration Barrier: Boulder step installed with 24" drop to splash pad. (Picture taken from ~Sta. 107+00 looking upstream).***